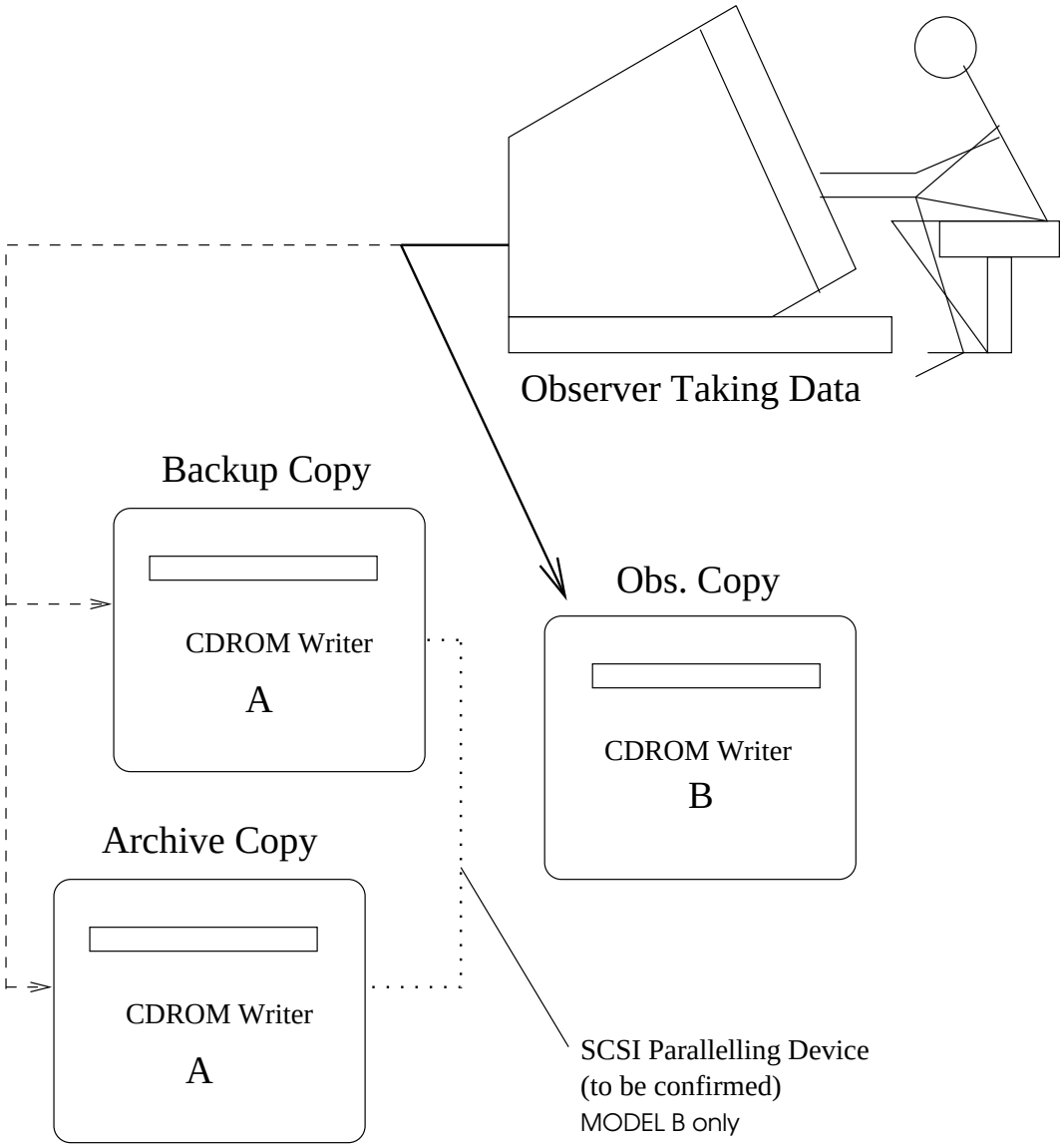
How to Archive/Backup Image Data?



All images taken are saved to "archival" or "backup" storage, as is done now with STB software. However, the medium is high-density CDROM rather than tape, and image headers are preserved in the online database.

The archival image feed goes to two CDROMs which have been somehow "twinned" so that they record the same data simultaneously. This results in two identical copies of all observing data.

One copy of the captured data stays on the Mountain; the other is sent to "the Library" whence, after the correct elapsed time, it becomes available to the public. The observer is able to annotate the images for the benefit of future users.

The observer's take-home medium is more selectively written. Only "good science" images are stored on it.

DEIMOS SPDR *Information Management*
Fig. 9.2.4 : Science Data Archiving Cartoon

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